

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	0	blue.cdm. and phase.cdm. and mesogen\$3.cdm. and dielectric.cdm. and permittivity.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:08
L5	0	blue.cdm. and phase.cdm. and mesogen\$3.cdm. and dielectric.cdm. and permittivit\$3.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:08
L6	0	blue.cdm. and phase.cdm. and mesogen\$3.cdm. and "dielectric.cdm.permittivit"\$3.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:08
L7	0	blue.cdm. and phase.cdm. and mesogen\$3.cdm. and permittivit\$3.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:09
L8	4	blue.cdm. and phase.cdm. and mesogen\$3.cdm. and dielectric.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:09
L9	1	("20060050354").PN.	US-PGPUB	OR	OFF	2009/12/02 12:10
L10	0	permittivity.cdm. and mesogen\$3.cdm. and dielectric.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:21
L11	0	permittivit\$3.cdm. and mesogen\$3.cdm. and dielectric.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:21
L12	333	permittivit\$3.cdm. adj dielectric.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:24
L13	0	L12 and electro\$1optic.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:24
L14	0	L12 and electrooptic.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:24
L15	0	L12 and electrooptical.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:24
L16	0	L12 and mesogen\$3.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:25
L17	1	L12 and modulation.cdm.	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:25
L18	64	359/245 and electro\$1optic\$2 and permittivity	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:27
L19	66	359/245 and electro\$1optic\$2 and permittivit \$3	US-PGPUB; USPAT	OR	OFF	2009/12/02 12:27
L20	57	359/245 and electro\$1optic\$2 and permittivit \$3	USPAT	OR	OFF	2009/12/02 12:27
L21	11	359/246 and electro\$1optic\$2 and permittivit \$3	USPAT	OR	OFF	2009/12/02 12:28
L22	1	359/265 and electro\$1optic\$2 and permittivit \$3	USPAT	OR	OFF	2009/12/02 12:28
L23	0	359/266 and electro\$1optic\$2 and permittivit \$3	USPAT	OR	OFF	2009/12/02 12:28
L24	0	359/266 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:28

L25	1	359/267 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:28
L26	0	359/268 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:28
L27	1	359/269 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:28
L28	0	359/270 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:28
L29	1	359/271 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:28
L30	1	359/272 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:28
L31	4	359/273 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:29
L32	0	359/274 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:29
L33	2	359/275 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:29
L34	2	345/105 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:29
L35	5	345/107 and electro\$1optic\$2 and permittivit \$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:29
L36	1	blue.clm. and phase.clm. and mesogen\$3.clm. and dielectric.clm.	USPAT	OR	OFF	2009/12/02 12:29

L37	0	435/244 and electro\$1optic\$2 and permittivit\$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:32
L38	0	435/395 and electro\$1optic\$2 and permittivit\$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:32
L39	0	435/243 and electro\$1optic\$2 and permittivit\$3	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 12:32
L40	176	permittivit\$3.dcm. adj dielectric.dcm.	USPAT	OR	OFF	2009/12/02 12:35
S1	1	("20060071878").PN.	US-PGPUB	OR	OFF	2008/03/26 14:12
S2	1	("6266109").PN.	USPAT	OR	OFF	2008/03/26 15:10
S3	36174	active adj matrix	US-PGPUB; USPAT	OR	OFF	2008/03/26 21:15
S4	17546	active adj matrix	USPAT	OR	OFF	2008/03/26 21:15
S5	2742	S4 and addressed	USPAT	OR	OFF	2008/03/26 21:49
S6	848	S5 and electro\$1optic\$3	USPAT	OR	OFF	2008/03/26 21:49
S7	769	S6 and electrode\$1	USPAT	OR	OFF	2008/03/26 21:50
S8	532	S7 and dielectric	USPAT	OR	OFF	2008/03/26 21:50
S9	362	S8 and TFT	USPAT	OR	OFF	2008/03/26 21:53
S10	0	S9 and (blue adj phase)	USPAT	OR	OFF	2008/03/26 22:37
S11	7	S4 and (blue adj phase)	USPAT	OR	OFF	2008/03/26 22:37
S12	23	electro\$1optic\$2 and (blue adj phase)	USPAT	OR	OFF	2008/03/26 22:53
S13	356	("359"/"265-275").CCLS. and electro\$1optic\$2 and display	US-PGPUB; USPAT	OR	OFF	2008/03/26 23:15
S14	44	("359"/246).CCLS. and electro\$1optic\$2 and display	US-PGPUB; USPAT	OR	OFF	2008/03/26 23:15
S15	30	("349"/144).CCLS. and electro\$1optic\$2 and display	US-PGPUB; USPAT	OR	OFF	2008/03/26 23:15
S16	561	345/105,107,92,96,205,206,209.CCLS. and electro\$1optic\$2 and display	US-PGPUB; USPAT	OR	OFF	2008/03/26 23:16
S17	190	S16 and dielectric	USPAT	OR	OFF	2008/03/26 23:17
S18	249	S16 and dielectric	US-PGPUB; USPAT	OR	OFF	2008/03/26 23:17
S19	245	S18 and electrode\$1	US-PGPUB; USPAT	OR	OFF	2008/03/26 23:17

S20	320	mesophase and substrate and electrode\$1 and isotropic and dielectric	US-PGPUB; USPAT	OR	OFF	2008/03/27 23:34
S21	11348	substrate and electrode\$1 and isotropic and dielectric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:34
S22	20810	substrate and electrode\$1 and isotropic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:35
S23	189267	dielectric same electrode\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:35
S24	6520	S23 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:36
S25	920	S24 and (nematic or mesophase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:37
S26	861	S25 and display	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:37
S27	89	S26 and mesogenic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:38
S28	383	S25 and (active near matrix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:40
S29	2132	S23 and (solid near dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:41
S30	23	S29 and (nematic or mesophase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:41

S31	27	S29 and (active near matrix)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/27 23:42
S32	199776	dielectric same electrode\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 13:35
S33	2204	S32 and (solid near dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 13:35
S34	7	S33 and (polymer near network)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 13:35
S35	617	345/105,107,92,96,205,206,209.OCLS. and electro\$1optic\$2 and display	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 16:25
S36	394	HECKMEIER.in. and MICHAEL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 16:25
S37	0	mesogenic with (dielectric adj permittivity)	US-PGPUB; USPAT	OR	OFF	2009/04/28 17:45
S38	0	mesogenic same (dielectric adj permittivity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/28 17:45
S39	0	mesogenic same (dielectric and permittivity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/28 17:45
S40	32	average with (dielectric adj permittivity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/28 18:23
S41	9	S40 and modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/28 18:24

S42	7	electro\$1optic.clm. and permittivity	US-PGPUB; USPAT	OR	OFF	2009/11/30 12:11
S43	5	electro\$1optic.clm. and permittivity	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 12:11
S44	1	electro\$1optic.clm. and (dielectric near1 permittivity)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 12:11
S46	0	electro\$1optic.ti. and (dielectric near1 permittivity)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 12:11
S48	2	electro\$1optic.ab. and (permittivity)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 12:12
S49	2	electro\$1optic and (dielectric near1 permittivity)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 12:13
S50	27	electro\$1optic and (permittivity)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 12:13
S51	2257	mesogenic	US-PGPUB; USPAT	OR	OFF	2009/11/30 14:45
S52	509	S51 and modulat\$4	US-PGPUB; USPAT	OR	OFF	2009/11/30 14:45
S53	266	S52 and dielectric	US-PGPUB; USPAT	OR	OFF	2009/11/30 14:45
S54	16	S53 and permittivity	US-PGPUB; USPAT	OR	OFF	2009/11/30 14:46
S55	264	blue adj phase	US-PGPUB; USPAT	OR	OFF	2009/11/30 17:47
S56	3477	isotropic adj phase	US-PGPUB; USPAT	OR	OFF	2009/11/30 17:47
S57	14	S55 and S56 and mesogen\$1	US-PGPUB; USPAT	OR	OFF	2009/11/30 17:47
S58	618	dielectric.clm. near1 permittivit\$4	US-PGPUB; USPAT	OR	OFF	2009/11/30 17:57
S59	321	dielectric.clm. near1 permittivit\$4	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 17:58
S60	0	S59 and mesogen\$4.clm.	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 17:58

S61	0	S59 and mesogen	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 17:58
S62	16	S59 and electro\$1optic\$4	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 17:59
S63	6	((("20020167730") or ("20040008438") or ("20040027701"))).PN.	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/30 19:12
S64	3	((("20020167730") or ("20040008438") or ("20040027701"))).PN.	US-PGPUB	OR	OFF	2009/11/30 19:12
S65	30	("2004/0008438").URPN.	USPAT	OR	OFF	2009/11/30 19:47
S66	78	("2004/0027701").URPN.	USPAT	OR	OFF	2009/11/30 19:48
S67	30	("2004/0008438").URPN.	USPAT	OR	OFF	2009/11/30 19:49
S68	41	("2002/0167730").URPN.	USPAT	OR	OFF	2009/11/30 19:50
S69	5	("6822798").URPN.	USPAT	OR	OFF	2009/11/30 19:57
S70	427	(("20010003487"   "20010028503"   "20020014579"   "20020015215"   "20020021485"   "20020024711"   "20020027636"   "20020054424"   "20020075555"   "20020114558"   "20020126364"   "20020139981"   "20020146200"   "20020149828"   "20020149850"   "20020167072"   "20020167730"   "20020186483"   "20030015936"   "20030016428"   "20030029705"   "20030043157"   "20030053078"   "20030054925"   "20030069413"   "20030072070"   "20030156315"   "20030202264"   "20030202265"   "20030202266"   "20030210851"   "20040008396"   "20040008438"   "20040027671"   "20040027701"   "20040051929"   "20040056742"   "20040058532"   "20040075967"   "20040080035"   "20040080807"   "20040100594"   "20040100680"   "20040124483"   "20040125281"   "20040125347"   "20040136045"   "20040140557"   "20040145049"   "20040145811"   "20040147056"   "20040147198"   "20040148009"   "20040150939"   "20040160143"   "20040174583"   "20040175577"   "20040179281"   "20040179445"   "20040184766"   "20040201908"   "20040207897"   "20040209192"   "20040209195"   "20040212026"   "20040217378"   "20040217919"   "20040218251"   "20040218334"   "20040218341"   "20040227493"   "20040233503"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/30 20:00

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